Substitute for form 1449/PTO	Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*	Application Number	10/717,086
	Filing Date	November 19, 2003
	First Named Inventor	Charles Q. Zhan
	Art Unit	2863
	Examiner Name	Xiuqin Sun
Sheet 1 of 2	Attorney Docket Number	I20 0673USUS

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Document Number Number-Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US- 5,381,697	01/17/1995	van der Pol	
	AB	US- 5,594,180	01/14/1997	Carpenter et al.	
	AC	US- 5,641,891	06/24/1997	Frankl et al.	
	AD	US- 5,966,674	10/12/1999	Crawford et al.	
	AE	US- 6,208,943	03/27/2001	Randolph et al.	
	AF	US- 6,408,676	06/25/2002	Stratton et al.	
	AG	US- 6,505,517	01/14/2003	Eryurek et al.	
	AH	US- 6,539,315	03/25/2003	Adams et al.	
	AI	US- 6,654,697	11/25/2003	Eryurek et al.	
	AJ	US- 6,725,167	04/20/2004	Grumstrup et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Foreign Patent Document Country Code³ Number⁴ Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T⁶

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Sheet	2	of	2	Attorney Docket Number	I20 06739US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	BA	Fujun He et al. "WPT-SVMs Based Approach for Fault Detection of Valves in Reciprocating Pumps", Proceedings of the American Control Conference, Anchorage, AK, May 8-10, 2002, Pp. 4566-4570.	
	BB	Jiang Wanlu et al., "Applying Multiresolution Analysis for Processing of Hydraulic Pump Fault Signal", April 2001, Pp. 1-5.	
	BC	Wang et al., "The Fault Character of the Motors Identified Based on Wavelet Transform", November 2-5, 2003, Proceedings of the Second International Conference on Machine Learning and Cybernetics, Xi'an Pp. 2394-2398.	
	BD	Mallat et al., "Singularity Detection and Processing with Wavelets", March 1992, IEEE Transactions on Information Theory, Vol. 38, No. 2, Pp. 617-643.	

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